CONSOLE-LOG

File	25
Op-Sys	OS/390, VSE/ESA
Statement	FIND
Task	Retrieve current and past console log data, for example, start and end of jobs and tasks, as well as important error and abend messages.

Common Fields for all Operating Systems

Dictionary Field Name	F/L	Mu	DE	Remarks
ERROR-CODE	N3			
ERROR-TEXT	A58			
NODE	N3		D	
NODE-NAME	A16		D	
DATA-SET	N5		D	
RECORD-NUMBER	N7		D	
RECORD-LENGTH	N3		D	
RECORD	A253		D	
POSITION	B1		D	
TOKEN-VECTOR	A225		D	
NUMBER-OF-TOKENS	N3		D	
TOKEN-DELIMITERS	A10		D	
DATA-SET-KEY	N7		D	Not for VSE/ESA.
SCAN	A3		D	
SCAN-LIMIT	N7		D	
SCAN-TYPE	A1		D	
SCAN-LENGTH	N3		D	Relevant with SCAN-TYPE=A.
SCAN-COLUMN-FROM	N3		D	Relevant with SCAN-TYPE=A.
SCAN-COLUMN-TO	N3		D	Relevant with SCAN-TYPE=A.

Additional Fields Supported for OS/390

Dictionary Field Name	F/L	Mu	DE	Remarks
LOG-TIME	A8		D	Not for VSE/ESA.
LOG-TEXT	A128		D	Not for VSE/ESA.
LOG-JOB-NUMBER	N5		D	Not for VSE/ESA.
LOG-ROUTE-CODE	A8		D	Not for VSE/ESA.
LOG-JOB-NAME	A8		D	Not for VSE/ESA.
LOG-RECORD-TYPE	A1		D	Not for VSE/ESA.
LOG-REQUEST-TYPE	A1		D	Not for VSE/ESA.
LOG-REPLY-ID	A8		D	Not for VSE/ESA.
LOG-DATX	D		D	Not for VSE/ESA.
LOG-TIMX	T		D	Not for VSE/ESA.

Additional Fields Supported for VSE/ESA

Dictionary Field Name	F/L	Mu	DE	Remarks
DATE	A6			
PARTITION	A2			
MESSAGE-TYPE	A8			
CONSOLE-TYPE	A8			
TIME	A8			

Relevant Error Codes

Code	Text	OS/390	VSE/ESA
533	Requested number or records scanned.	X	X
537	Time limit reached.	X	X
688	Return code xx HCF function xxxxxxxx.		X
699	GETVIS failed.	X	X
711	Logical Error occurred in Common JES Interface.	X	
712	Request to Common JES Interface failed.	X	
717	GENCB for ACB or RPL failed with RC:1:and RSN:2:	X	
719	Unable to :1: SYSOUT dataset.	X	
724	Requested job not found.	X	
731	Error occurred during spool GET, RPLFDBK :1:	X	
781	Unable to obtain storage for work area extension.	X	
830	JES interface not active.	X	

Field Descriptions

Field Name	Type/Length	Operating System
CONSOLE-TYPE	(A8)	VSE/ESA

Possible type of console:

Console	Explanation
HCF-ONLY	Hard copy facility only.
LOCAL	Local console.
REMOTE	Remote console.
REPLY	Reply console.

Field Name	Type/Length	Operating System
DATE	(A6)	VSE/ESA

Date the message was issued.

Field Name	Type/Length	Operating System
DATA-SET	(N5)	OS/390, VSE/ESA

Requested dataset number of job SYSLOG.

Field Name	Type/Length	Operating System
DATA-SET-KEY	(N7)	OS/390

Unique dataset identification, offering much faster access than the dataset number. The dataset key can be obtained from the SPOOL-FILES view using job name SYSLOG.

Field Name	Type/Length	Operating System
LOG-DATX	(D)	OS/390

Date in Natural internal format.

Field Name	Type/Length	Operating System
LOG-JOB-NAME	(A8)	OS/390

Job name corresponding to the job number contained in the record. This only applies if the job is still active at calling time.

Field Name	Type/Length	Operating System
LOG-JOB-NUMBER	(N5)	OS/390

Job number, if contained in record.

Field Name	Type/Length	Operating System
LOG-RECORD-TYPE	(A1)	OS/390

Possible values:

Value	Explanation
N	Single-line message.
W	Single-line message with reply.
D	Data line of multi-line message.
E	Data/end line of multi-line message.
L	Label line of multi-line message.
M	The first line of a multi-line message.
O	Log command input.
S	Continuing previous line.
X	Entry from a source other than hardcopy or log command.

Field Name	Type/Length	Operating System
LOG-REPLY-ID	(A8)	OS/390

Reply ID of WTOR.

Field Name	Type/Length	Operating System
LOG-REQUEST-TYPE	(A1)	OS/390

Possible values:

Value	Explanation
R	Command response.

Additionally for OS/390/XA and above:

Value	Explanation
C	Command issued by operator.
I	Command issued internally.

Field Name	Type/Length	Operating System
LOG-ROUTE-CODE	(A8)	OS/390

Route codes.

Field Name	Type/Length	Operating System
LOG-TEXT	(A128)	OS/390

The pure log record.

Field Name	Type/Length	Operating System
LOG-TIME	(A8)	OS/390

Time stamp in log record.

Field Name	Type/Length	Operating System
LOG-TIMX	(T)	OS/390, VSE/ESA

Time in Natural internal format.

Field Name	Type/Length	Operating System
MESSAGE-TYPE	(A8)	VSE/ESA

Possible message types:

- ACTION
- CONT
- E-ACTION
- DECISION
- INFO
- IPL

Field Name	Type/Length	Operating System
NUMBER-OF-TOKENS	(N3)	OS/390, VSE/ESA

Number of tokens in record.

Field Name	Type/Length	Operating System
PARTITION	(A2)	VSE/ESA

Partition which issued the message.

Field Name	Type/Length	Operating System
POSITION	(B1)	OS/390, VSE/ESA

Offset in log record. The RECORD field will contain log record starting at this offset.

Field Name	Type/Length	Operating System
RECORD	(A253)	OS/390, VSE/ESA

Log record.

Field Name	Type/Length	Operating System
RECORD-LENGTH	(N3)	OS/390, VSE/ESA

Length of log record.

Field Name	Type/Length	Operating System
RECORD-NUMBER	(N7)	OS/390, VSE/ESA

Retrieve records from log starting at this relative record number. If a negative value (-*nnnnnnnn*) is specified, the *nnnnnnnn* most current log records are retrieved.

Field Name	Type/Length	Operating System
SCAN	(A3)	OS/390, VSE/ESA

Specify YES to return the first record that meets the selection criteria and all the following records.

Field Name	Type/Length	Operating System
SCAN-COLUMN-FROM	(N3)	OS/390, VSE/ESA

Relevant if SCAN-TYPE=A. Specifies the column number where the scan is to start. Default is 1.

Field Name	Type/Length	Operating System
SCAN-COLUMN-TO	(N3)	OS/390, VSE/ESA

Relevant if SCAN-TYPE=A. Specifies the column number where the scan is to end. Default is the end of the record.

Field Name	Type/Length	Operating System
SCAN-LENGTH	(N3)	OS/390, VSE/ESA

Relevant if SCAN-TYPE=A. Specifies the length of the scan string in field RECORD.

Field Name	Type/Length	Operating System
SCAN-LIMIT	(N7)	OS/390, VSE/ESA

Specifies the maximum number of records to be scanned before the record is selected. If the limit is reached and no record found, error code 533 is issued.

Field Name	Type/Length	Operating System
SCAN-TYPE	(A1)	OS/390, VSE/ESA

Specify **A** to perform an absolute scan. Wildcard symbols **∗** and '_' are treated as normal characters.

Field Name	Type/Length	Operating System
TIME	(A8)	VSE/ESA

Time the message was issued.

Field Name	Type/Length	Operating System
TOKEN-VECTOR	(A225)	OS/390, VSE/ESA

Tokenized log record (15 tokens each with a length of 15 bytes).

Field Name	Type/Length	Operating System
TOKEN-DELIMITERS	(A10)	OS/390, VSE/ESA

Up to ten delimiter characters to be used for tokenizing the record.